

*tus* var. *Ragsdalei* Pilsbry. It is the fourth species recorded of the genus, the others being:

*L. Favanni* Lam.

*L. crassilabris* Gray.

*L. Procteri* G. B. Sowerby.

The latter is much like a dwarfed example of *Favanni*, but is shorter and more conic.

*Clavator Balstoni* Angas.

Hab.: Imerina (F. Sikora); also Antankaratra Country (Humblot)..

The specimen of Imerina is shorter and more ventricose than others I have seen.

*Clavator Balstoni* Angas, var.? *herculea* Anc.

Testa *eximix* magnitudinis; differt a *Cl. Balstoni* Angas, non solum statura insigni sed etiam spira magis producta, anfractibus 9 (nec 8), testa magis elongata, paulo solidiore, apertura magis incrassata, margine columellari longiore, crasso, summo subacuto.

Long. 144, diam.  $45\frac{1}{2}$ , alt. apert. 48 mill.

Hab.: N. W. Madagascar (Humblot)..

Owing to the variability of the species, I dare not separate this very large and remarkable specimen from *Cl. Balstoni*, which is looked upon by some conchologists as a synonym of *Cl. eximius* Shutt., but considered as distinct by Crosse & Fischer; altogether it might prove to be a different species.

(To be concluded).

---

#### LIST OF LAND MOLLUSCA FROM THE NEIGHBORHOOD OF SAPPORO, YESSO.

BY HENRY A. PILSBRY AND ADDISON GULICK.

A number of land shells collected by Mr. Paul Rowland at and near Sapporo, in Ishikari province, Yesso, and submitted to us for study, adds to our scanty knowledge of the Hokkaido species.

*Eulota (Euhadra) peliomphala* var. *septentrionalis* (Ehrm.). Mt. Moiwa, two miles from Sapporo, and Maruyama,  $1\frac{1}{2}$  miles from the same place. Specimens from the former place are typical in color, having two broad dark bands and an umbilical patch. At the second locality two of three shells have a narrow band above the upper wide one, and the third has opaque creamy streaks, interrupting the-

bands, as in ordinary *pehionphala*. All have the characteristic dark apex.

*Eulota (Euhadra) blakeana* (Newc.). Mt. Moiwa.

*Eulota (Mastigeulota) gainesi* Pils. Maruyama.

*Eulota (Mastigeulota) gainesi* var. *gudeana* Pils. Sapporo Park.

*Clausilia micropeas* var. *hokkaidoensis* Pils. Mt. Moiwa.

*Clausilia rowlandi* n. sp. Garukawa, 10 miles from Sapporo.

This is a very distinct new species of *Euphædusa*, named in honor of Mr. Paul Rowland.

*Cochlicopa lubrica* (Müll.). Garukawa.

*Pyramidula pauper* (Gld.) Yubari, 50 miles from Sapporo.

*Kaliella* sp. Mt. Moiwa. A large species, identical with Mr. Hirase's no. 678.

*Succinea lauta* Gld. Maruyama.

*Helicina hakodadiensis* Hartm. Mt. Moiwa.

The *Kaliella* is one which has been the subject of some correspondence between one of us and Mr. G. K. Gude, and there seems to be no doubt that it is an undescribed form. The new *Clausilia* will be described and illustrated in "Additions to the Japanese Land-snail Fauna," No. 7. The range of *Helicina*, *Eulota pel. septentrionalis* and *Clausilia* is extended some distance northward by Mr. Rowland's collection.

---

#### UNIO POPEII, LEA, IN NEW MEXICO.

BY T. D. A. COCKERELL.

---

In the list of New Mexico mollusca the genus *Unio* has not appeared, but I always hoped that some species would turn up in the eastern portion of the Territory. When recently at Roswell, in the Pecos Valley, Miss Bessie Peacock, of that town, brought me some single valves of a *Unio* which she had found in North Spring river, Roswell. I was, of course, greatly interested; and next day, guided by Miss Peacock, visited the place and had the good fortune to find a complete specimen. The shells are fresh and the species is evidently still living in the river.

I sent the specimen I had found to Mr. C. T. Simpson, who kindly reports as follows: "This is *Unio popeii*, Lea, and it is quite a long way out of its known range. The type came from the Rio Salado, a tributary of the Rio Grande, and since that was found other speci-